

Date: Tue, 26 Apr 94 04:30:05 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #459
To: Info-Hams

Info-Hams Digest Tue, 26 Apr 94 Volume 94 : Issue 459

Today's Topics:

 2m J-Pole at 70cm
 Daily Summary of Solar Geophysical Activity for 24 April
 Dayton flea ticket
 Elmers! Help a newbie prepare for Dayton (3 msgs)
 FCC computers
 HTX-202 Is this a good starter rig?
 Luck Hurder ... gone:(Why?
 Non-US callsign ID's
 The Confiscated HT Story (was Illinois anti scanner legisla)
 What are the dimensions for a 2m J-pole?
 What are these worth?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Apr 94 18:18:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2m J-Pole at 70cm
To: info-hams@ucsd.edu

Hello everyone:

 I recently obtained by FTP the instructions for making a 2m
J-Pole antenna from 300 ohm cable. It said that this ant should also work
on 70 cm. Does anyone have experience doing this? or is it much better to
make a J-Pole specially for 70 cm?
Thanks in advance for your comments.

24 APRIL, 1994

(Based In-Part On SESC Observational Data)

NOTE: The Effective Sunspot Number for 23 APR 94 was 33.6.
The Full Kp Indices for 23 APR 94 are: 1+ 1+ 2- 3- 2+ 2- 3- 3+
The 3-Hr Ap Indices for 23 APR 94 are: 5 5 6 11 9 6 11 19
Greater than 2 MeV Electron Fluence for 24 APR is: 4.4E+07

.....

Solar activity was very low. New Region 7706 (N07W75) produced the only observed optical flare during the past day, a SF without significant x-ray output at 24/1213Z.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field was quiet to unsettled.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled.

Event probabilities 25 apr-27 apr

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 25 apr-27 apr

A. Middle Latitudes	
Active	15/15/15
Minor Storm	10/10/10
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	15/15/15
Minor Storm	10/10/10
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions. No changes are expected over the next 72 hours, through 27 April inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 24/2400Z APRIL

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7701	N08W50	114	0090	HSX	02	001	ALPHA	
7702	S13W40	104	0010	BX0	04	003	BETA	
7704	N07E14	050	0030	HRX	02	002	ALPHA	
7705	N04W25	089	0160	CS0	07	014	BETA	
7706	N07W75	139	0000	AXX	01	002	ALPHA	

REGIONS DUE TO RETURN 25 APRIL TO 27 APRIL

NMBR LAT LO

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 24 APRIL, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 24 APRIL, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV
24/A0645 B2330 S22W08 DSF
24/A0645 B2330 N38W12 DSF

INFERRED CORONAL HOLES. LOCATIONS VALID AT 24/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
77 N30W01 N08W19 N15W23 N37W05 074 ISO POS 005 10830A
78 S40E87 S45E87 S13E32 S13E34 001 ISO NEG 021 10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

23 Apr: 0641 0642 0648 SF 7705 N04W01
0947 0951 0956 B1.4
1902 1910 1919 B1.4
1930 1946 1957 B1.5

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C M X S 1 2 3 4 Total (%)
-- -- -- -- --
Region 7705: 0 0 0 1 0 0 0 0 001 (25.0)
Uncorrelated: 0 0 0 0 0 0 0 0 003 (75.0)

Total Events: 004 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date Begin Max End Xray Op Region Locn Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II = Type II Sweep Frequency Event
III = Type III Sweep
IV = Type IV Sweep
V = Type V Sweep
Continuum = Continuum Radio Event
Loop = Loop Prominence System,
Spray = Limb Spray,
Surge = Bright Limb Surge,
EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Mon, 25 Apr 1994 23:13:22 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsfeed.pitt.edu!godot.cc.duq.edu!
news.duke.edu!eff!news.kei.com!world!sstut@network.ucsd.edu
Subject: Dayton flea ticket
To: info-hams@ucsd.edu

Looking for A Dayton flea ticket in Boston area. Thanks

Steve Stutman
KL7JT/1

sstut@world.std.com

Date: 25 Apr 94 20:56:22 GMT
From: sdd.hp.com!col.hp.com!fc.hp.com!jayk@hplabs.hp.com
Subject: Elmers! Help a newbie prepare for Dayton
To: info-hams@ucsd.edu

John Schweiger (lurker@umich.edu) wrote:
: This is the first time I'll be attending the HamVention

Wear very comfortable shoes.
Be prepared for cold and windy to hot and muggy weather.
It will be very crowded, be patient.
If your looking for something in the flea market go there early.
Haggle the price of most everything (new or used).
9 A.M. forums are no fun if you stay up till 2 A.M.
You always stay up till 2 A.M. :-)
Get to popular forums early to get a seat :-(
Enjoy and be prepared for sensory overload.

73, Jay K0GU jayk@fc.hp.com

Date: 25 Apr 94 20:45:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Elmers! Help a newbie prepare for Dayton
To: info-hams@ucsd.edu

>This is the first time I'll be attending the HamVention (had my ticket one
>year) and I'm hoping all the experts can give me a leg up on do's and
>don'ts to make the most of the trip. I'll be attending Thur - Sun.
>I'd really appreciate any suggestions! I'm looking into satellite work
>if that would make any difference.

- 1) wear comfortable clothes - especially shoes and socks.. you will be on your feet a lot if you want to browse the whole flea market.
- 2) travel light...don't buy anything you won't want to carry around with you if you won't want to go right back to the hotel room right away with it...
- 3) consider a backpack or over the shoulder bag if you plan to pick up lots of literature (gets heavy) or small parts and equipment. throw in a mechanical pencil or a pen and a small notebook so you can take notes and record where you saw something so you can find it again later if need be.
- 4) if doing 3, consider including a lunch and maybe a thermos of

favorite drink or beverage (calamari or squid, pasta or noodles, marinara or red sauce...egad they're all the same! this cuts the menu in half!)...avoid the lines at the food counters (at smaller shows this also usually avoids what is unfortunately lousy food).

- 5) if you're not in a group, you might want to leave the radio home. or locked up in the car.

it's something else to drag along...and in the RF Fields of Biblical Proportions that happen at Dayton, a lot of radios aren't all that useful...there is no unused channel there, it would seem.

- 6) It's ok to take rest breaks. If possible don't go where the crowd goes (similar rules for Disney World apply).
- 7) if you can, stick around for the clean up drawings on Sunday.

that's a start. if you are looking for used gear we get into things like bringing a portable VOM and checking DC continuity of switches and making sure that controls actually adjust something and all that...

73, bill wb9ivr

(see also the article from a few years ago in an April "73" called the Hamfest Survival Guide...i want to say 1989 but it was definitely the April issue - definitely April - definitely...)

Date: Mon, 25 Apr 94 14:22:05 EDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!
news.pipeline.com!malgudi.oar.net!hypnos!voxbox!jgrubs@network.ucsd.edu
Subject: Elmers! Help a newbie prepare for Dayton
To: info-hams@ucsd.edu

lurker@umich.edu (John Schweiger) writes:

> This is the first time I'll be attending the HamVention
> (had my ticket one year) and I'm hoping all the experts
> can give me a leg up on do's and don'ts to make the most
> of the trip. I'll be attending Thur - Sun. I'd really
> appreciate any suggestions! I'm looking into satellite
> work if that would make any difference.

Stop at the AMSAT booth.

In general, go to everything EARLY!! Parking is normally a b**ch and to make it worse, there's a lot of highway repair projects

underway now.

Don't waste time carrying an HT. Everything below 23 cm will be wall-to-wall QRM. On 2m average HT range is about 3 feet. :-)

```
/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

Date: Mon, 25 Apr 94 15:29:27 EDT
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!europa.eng.gtefsd.com!
uhog.mit.edu!news.intercon.com!news.pipeline.com!malgudi.oar.net!hypnos!voxbox!
jgrubs@network.ucsd.edu
Subject: FCC computers
To: info-hams@ucsd.edu

kevin jessup <kevin.jessup@mixcom.mixcom.com> writes:

> BTW, what kind of computer are they running over in Gettysburg? A
> PDP 1123 with the washing-machine sized drives?? On the otherhand,
> even RSX11 is better than DOS!!

I don't know, but rumor has it the Smithsonian wants it when the
FCC gets a new one. :)

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/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

Date: 25 Apr 1994 19:20:31 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!
moe.ksu.ksu.edu!wizard.uark.edu!comp!plaws@network.ucsd.edu
Subject: HTX-202 Is this a good starter rig?
To: info-hams@ucsd.edu

mladejov@ced.utah.edu (Mike Mladejovsky) writes:

>Just wondering, can a HTX-202 be used (with or without modification) on

>Civil Air Patrol frequencies (143-144, 148-149.5)?

No. Rx - 144.0000 - 148.0000.

There are *no* known mods for this radio.

Is there a CTCSS

>tone encoder available?

The HTX202 has CTCSS both ways ...

>There are a lot of non-ham CAP members who want a rugged, reliable,
>simple-to-operate, and cheap VHF HT. The current crop of rice-boxes

... And this rice box would be perfect save for the answer to your first
question ...

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

Date: 26 Apr 94 01:22:49 GMT
From: agate!cat.cis.Brown.EDU!noc.near.net!news.delphi.com!
usenet@ucbvax.berkeley.edu
Subject: Luck Hurder ... gone:(Why?
To: info-hams@ucsd.edu

Luck had stataed on GENie some time ago that he had previously been
dismissed from the ARRL headquarters staff a few years back, but then
later had been allowed to return. Perhaps history will repeat itself.

Date: Mon, 25 Apr 1994 21:35:06 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!torn!nott!
cunews!freenet.carleton.ca!FreeNet.Carleton.CA!al434@network.ucsd.edu
Subject: Non-US callsign ID's
To: info-hams@ucsd.edu

In a previous article, thomasr@acpub.duke.edu (ronald Thomas) says:

> HR2JAE Honduras Central America

Jorge A. Escoto, Box 202, San Pedro Sula.

QSL info from the pages of QSL Routes, Box 73, D-10122 Berlin, Germany.

--

David George.....Internet: al434@freenet.carleton.ca
VE3UOL.....QTH: Dunrobin, Ontario, Canada.

Date: 26 Apr 94 01:28:46 GMT
From: dog.ee.lbl.gov!newshub.nosc.mil!news!novotny@ucbvax.berkeley.edu
Subject: The Confiscated HT Story (was Illinois anti scanner legisla)
To: info-hams@ucsd.edu

In article <9403257672.AA767288837@smtpgty.anatcp.rockwell.com>
William_A._Kirsanoff@smtpgty.anatcp.rockwell.COM (William A. Kirsanoff) writes:

>

>

>In article <9404200545592.DLITE.gilbaronw0mn@delphi.com>,
>Gilbert Baron <gilbaronw0mn@delphi.com> wrote:

>>

>>This is the second story of this type that I have heard. I think it is
>>another URBAN LEGEND myself. They would have no right to confiscate and
>>anyone who brought the ht along would have to be pretty stupid anyway.
>>Criminal act, give me a break.

>>

>Well Gil, I agree that this story has the potential to become an urban
>legend, which is why I posted the synopses of the press coverage from last
>year: to correct the errors from the original post. The fact is, it
>happened. Yes, it would appear that the San Diego Sheriff had no legal
>authority to confiscate the HT, but the department, with the aid of the
>local FCC Field Engineer, did succeed in coercing Chris to "voluntarily"
>donate his HT to the SD RACES rather than face prosecution. The last I
>heard, the San Diego County Supervisors voted to decline the "gift",
>although that part I have not been able to confirm. One thing that came out
>last year when this story was fresh that I did not note in my earlier post
>is that at about the same time as Chris used his HT on the Sheriff's
>frequency to summon aid, another person was causing malicious interference
>on Sheriff's frequencies. The word is that the two together greatly
>irritated the Sheriff and drove the coercive activity that relieved Chris
>of his HT.

>

>Since I'm a little too far North to follow the San Diego papers, does
>anyone from SD have the actual current status of this story?

>

>-----
>Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
>Rockwell International Ham: KD6MCI
>(714) 762-2872

>Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

>-----

>Who are you? * I am number 2. * Who is number 1? * You are number 6.

>-----

>

>

>

Bill - I posted this a couple of months ago. This is the last I've seen in the local paper.

This was the lead article in Tom Blair's column in the February 17, 1994 edition of the San Diego Union-Tribune.

"In a new bit of tension between the Board of Supervisors and Sheriff Jim Roache, the board refused Tuesday to accept a gift to the Sheriff's Dept. and told the sheriff to return it. The gift: a portable ham radio used last August by a back-country bicyclist, Chris Boyer, to summon help for a seriously injured friend. After sheriff's deputies responded to the emergency call, they told Boyer he had violated FCC rules by using restricted emergency frequencies and ordered him to surrender the improperly altered radio to them and the FCC. To avoid further hassle, Boyer signed the radio over to the department as a gift. But the supervisors, who honored Boyer in December as a good Samaritan, said no thanks this week. They urged the sheriff to return the radio to Boyer."

John WA6OR0

Date: Mon, 25 Apr 94 14:27:14 EDT

From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!

howland.reston.ans.net!news.intercon.com!news.pipeline.com!malgudi.oar.net!hypnos!voxbox!jgrubs@network.ucsd.edu

Subject: What are the dimensions for a 2m J-pole?

To: info-hams@ucsd.edu

bpea@prairienet.org (Bruce Pea) writes:

>

> I just built a copper j-pole out of 1/2" copper tubing. It works

> great (even if I say sio myself) :-)

>

> Here are the diminsions I used, swr is well below 1.3 all across

> the band:

>

> Reflector - 57.375"

Reflector??????

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/-----\
| Jim Grubs, W8GRT          Voxbox Enterprises   Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.   |
| Fido: 1:234/1.0          Sylvania, Ohio 43560   |
\--+-----/
```

Date: 26 Apr 94 01:21:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: What are these worth?
To: info-hams@ucsd.edu

A friend of mine (yes I do have them) who is a ham physican is trying to sell equipment from an estate, he needs prices (and if you are interested offers) for the following:

1. Yaesu FTDX-570 Hf rig-----
2. Astron 35A-power supply----
3. Kenwood TS700A- all mode 2M tranceiver----
4. HO 10 Heathkit Oscilloscope----
5. Collins 75S3, receiver-----

reply to:

Burt Fisher South Dennis (Cape Cod), Mass.
Teacher of, Video, Broadcasting, Electronics at
Cape Cod Regional Vocational High School
(Home of WCCT-FM 90.3 MHZ)

FISHERB@A1.mec.mass.edu
Amateur Radio Call K10IK
K10IK@KQ1K.ma

Date: Mon, 25 Apr 1994 18:29:09 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!godot.cc.duq.edu!
nntp.club.cc.cmu.edu!cantaloupe.srv.cs.cmu.edu!dolphin!ed@network.ucsd.edu
To: info-hams@ucsd.edu

References <042394000906Rnf0.77b9@amcomp.com>,
<1994Apr25.141334.26398@mixcom.mixcom.com>, <2pgq25\$1ff@gopher.cs.uofs.edu>ol
Subject : Re: FCC computers

|> BTW, what kind of computer are they running over in Gettysburg? A
|> PDP 1123 with the washing-machine sized drives?? On the otherhand,
|> even RSX11 is better than DOS!!
|>

>Last time I heard (quite a while ago) it was a SPERRY 1100 running EXEC-8.
>A PDP-11/23 running RSX11 (or RT11 for that matter) would run circles around
>it. And if you think "washing-machine sized drives" sounds funny, the last
>1100 I worked on (also owned by the government) had a drum as well.

We have one here that is reported to use gears and
pushrods, and uses a white rat running in a wheel
to power it.

Couldnt resist it.

Ed Bathgate

End of Info-Hams Digest V94 #459
